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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/670,951	09/25/2003	Shinji Aoki	4041J-000776	7076
27572	7590	10/06/2005		
HARNESS, DICKEY & PIERCE, P.L.C.			EXAMINER	
P.O. BOX 828			JOYCE, HAROLD	
BLOOMFIELD HILLS, MI 48303			ART UNIT	PAPER NUMBER
			3749	

DATE MAILED: 10/06/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<b><i>Office Action Summary</i></b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/670,951	AOKI ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Harold Joyce	3749	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

1)  Responsive to communication(s) filed on \_\_\_\_\_.  
2a)  This action is FINAL.                    2b)  This action is non-final.  
3)  Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

4)  Claim(s) 1-4, 6 and 8-18 is/are pending in the application.  
4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.

5)  Claim(s) \_\_\_\_\_ is/are allowed.

6)  Claim(s) 1, 2, 9, 14, 15 and 18 is/are rejected.

7)  Claim(s) 3, 7, 8, 16 and 17 is/are objected to.

8)  Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

9)  The specification is objected to by the Examiner.

10)  The drawing(s) filed on \_\_\_\_\_ is/are: a)  accepted or b)  objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)  The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

12)  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a)  All b)  Some \* c)  None of: .

1.  Certified copies of the priority documents have been received.
2.  Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3.  Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

1)  Notice of References Cited (PTO-892)  
2)  Notice of Draftsperson's Patent Drawing Review (PTO-948)  
3)  Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.  
4)  Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.  
5)  Notice of Informal Patent Application (PTO-152)  
6)  Other: \_\_\_\_\_.  
\_\_\_\_\_

## DETAILED ACTION

1. The indicated allowability of claims 1, 2, 9, 14, 15 and 18 is withdrawn in view of the newly discovered reference(s) to De Prete, III and Farrington et al. Rejections based on the newly cited reference(s) follow.

### ***Claim Rejections - 35 USC § 103***

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

3. Claims 1, 2, 9, 14, 15 and 18 are rejected under 35 U.S.C. 103(a) as being unpatentable over De Prete, III in view of Farrington et al. As to claim 1, De Prete, III discloses a solar radiation reducing mean (sunshade 10), which is placed on an interior side of a transparent vehicle window (see figure 1), and a control means (see column 4, lines 12-23 and column 5, lines 24-35). Regarding claim 15, see figures 1-3 in De Prete, III, elements 20, 22, 30-38. As to claim 2, the solar radiation at the front side of the compartment in De Prete, III is clearly reduced by the device disclosed therein. As to claim 18, see column 4, lines 12-25 and column 5, lines 24-33. As to claim 14, when the sun is "up" it will be in a "predetermined range" to allow activation of the device at a certain temperature. De Prete, III discloses a solar radiation reducing means but does not disclose a ventilation means as set forth in claim 7. Farrington teaches that sunshades reduce some heat build-up in the compartment as well as provide protection against deterioration on interior components that may be damaged by UV light.

However, heat typically will still build up in the vehicle (see column 2, lines 53-65). With this teaching at hand, one skilled in the art would consider further measures to reduce the heat build-up in the vehicle even when a sunshade is in use. Kanno teaches a ventilation means used in a parked vehicle compartment which activates at a certain temperature in the vehicle to vent warm air outside the vehicle (see lead lines 3, 19a; see also figure 10; see also col. 6, lines 47-59, column 4, lines 41-56, and column 7, lines 30-58). In light of the teachings in the well known teachings in Farrington, it would have been obvious to one having ordinary skill in the art at the time of the invention to provide a ventilation means in connection with the sunshade of De Prete, III as, for example, illustrated in Kanno in order to provide a means to ventilate the warming air in a vehicle interior. In so doing, the control means of each component will be integrated as is well known in the art so as to limit parts and ease control and manufacture.

Regarding claim 9, see lead line 19a.

#### ***Allowable Subject Matter***

4. Claims 3-8, 10-13, 16 and 17 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

#### ***Response to Arguments***

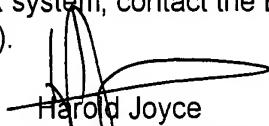
5. Applicant's arguments with respect to claims 1, 2, 9, 14, 15 and 18 have been considered but are moot in view of the new ground(s) of rejection.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Harold Joyce whose telephone number is (571) 272-4876. The examiner can normally be reached on M-F.

Art Unit: 3749

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ira Lazarus can be reached on (571) 272-4877. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Harold Joyce  
Primary Examiner  
Art Unit 3749